

Form PTO-1449 (REV. 7-80)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		Atty. Docket No. PHB 34,344		Serial No.									
				Applicant DARRAGH E. BALLESTY ET AL											
				Filing Date CONCURRENTLY		Group									
INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)															
U.S. PATENT DOCUMENTS															
Ex. Int.		Document Number						Date	Name	Class	Sub- class	Filing Date If Approp.			
CPJ	AA	4	6	8	9	6	9	7	8.25.87	WILKINSON	360	19.1			
CPJ	AB	5	2	1	6	7	4	4	6.01.93	ALLEYNE ET AL	395	2			
CPJ	AC	5	8	4	2	1	7	2	11.24.98	WILSON	704	503			
FOREIGN PATENT DOCUMENTS															
		Document Number						Date	Country	Class	Sub- class	Trans.			
		Document Number						Date	Country	Class	Sub- class	Yes	No		
CPJ	AD	0	8	6	5	0	2	6	A	2	16.09.98	EUROPE	G10L	3/02	X
CPJ	AE	0	3	9	2	0	4	9	A	1	17.10.90	EUROPE	G11B	20/00	X
OTHER (Including Author, Title, Date, Pertinent Pages, Etc.)															
CPJ	AF	"NON-PARAMETRIC TECHNIQUES FOR PITCH SCALE AND TIME SCALE MODIFICATION OF SPEECH", BY E. MOULINES AND J. LAROCHE, SPEECH COMMUNICATIONS, VOL. 16, 1995, PP. 175-205.													
CPJ	AG	"AN EDGE DETECTION METHOD FOR TIME-SCALE MODIFICATION OF ACOUSTIC SIGNALS", BY RUI REN, HONGKONG UNIVERSITY OF SCIENCE AND TECHNOLOGY, COMPUTER SCIENCE DEPT. VIEWED AT : HTTP://WWW.CS.UST/HK/~RREN/SOUND_TECH/tsm_PAPER_LONG.HTM .													
CPJ	AH	"HIGH QUALITY TIME-SCALE MODIFICATION FOR SPEECH", BY S. ROUCOS AND A. WIGUS, IEEE INT'L CONF. ON ACOUSTICS, SPEECH AND SIGNAL PROCESSING, MARCH 1985, PP. 493-496.													
CPJ	AI	"COMPUTATIONALLY EFFICIENT ALGORITHM FOR TIME-SCALE MODIFICATION (GLS-TSM)" BY S. YIM AND B.I. PAWATE, IEEE INT'L CONF. ON ACOUSTICS, SPEECH AND SIGNAL PROCESSING, 1996.													
CPJ	AJ	"TIME-SCALE" MODIFICATION OF SPEECH BY ZERO-CROSSING RATE OVERLAP-ADD (ZCR-OLA)" BY B. LAWLOR AND A. FAGAN, IEEE INT'L CONF. ON ACOUSTICS, SPEECH AND SIGNAL PROCESSING.													
Examiner		Con P. Iron								Date Considered		07/27/04			
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw li through citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.															

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